

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/000111

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21C47/32 B21C47/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B21C B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 945 585 A (MOSLENER JORN) 23 March 1976 (1976-03-23) cited in the application column 3, line 35 - column 5, line 3; figure ----- DE 26 49 340 A (KOCKS GMBH FRIEDRICH) 11 May 1978 (1978-05-11) page 11, paragraph 2 - paragraph 3 page 13, paragraph 2 - paragraph 3; figures ----- US 3 592 399 A (WOODROW HAROLD E) 13 July 1971 (1971-07-13) column 3, line 34 - line 40; figures ----- -/-	1,2,4,6, 8-10
A		1,2,4, 6-8
A		3,4

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^o Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

28/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	GB 1 367 513 A (V N I KONSTR I METALLURG MASH) 18 September 1974 (1974-09-18) page 2, line 79 - page 3, line 2; figures -----	4,5
A	US 1 793 104 A (WILLIAM LARSEN EINER) 17 February 1931 (1931-02-17) page 2, line 120 - page 3, line 61; figure 1 -----	1,8

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Information on patent family members

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